Color ::= \text{red} \mid \text{green} \mid \text{blue}

SeatType == \{ \text{no: N; c: Color} \cdot (\text{no}, \text{c}) \}

\text{GetRedSeat}
\hspace{1cm}
\text{seats? : } \forall \text{SeatType}
\hspace{1cm}
\text{rightSeat! : SeatType}
\hspace{1cm}
\exists s : \text{seats?} \cdot s.2 = \text{red} \land \text{rightSeat!} = s

Note here that this schema does not take care of the case where there is no red seat. Also, it takes the set of seats as an input; the question in the final asks you to operate on the schema you created in a previous question.